

**Amendments to the Drawings:**

The attached New Sheet of drawings includes New Figure 4b to be added to the Figures.

REMARKS

Applicant thanks the Examiner for the indication that claims 11-13 are allowable.

Claim 1 has been amended to include the feature of previous claim 11 in line with the Examiner's statement of allowance. Accordingly, previous claim 11 has been canceled from the present application and claims 12 and 13 depend now on amended claim 1.

Claim 14 has been amended to include the feature of previous claim 11.

Therefore, amended independent claims 1 and 14 (and all dependent claims) are allowable, as the Examiner stated.

In section 2 of the Office Action the examiner rejects claim 6 under 35 U.S.C. 112 by stating that claim 6 is regarded as being indefinite since it refers to a broad range as well as a narrower range of the broad range.

The feature "*greater than or equal to  $\sqrt{2}$* " has been deleted from claim 6 and included in new claim 17. Thus, the grounds for the rejection have been amended and claim 6 should be allowed.

Objection under 37 C.F.R. § 1.83(a)

In section 1 of the Office Action the Examiner objects to the drawings under 37 C.F.R. § 1.83(a) with respect to previous claims 7 and 8.

Figure 4 as submitted shows arrows indicating the flow cross-section is decreased in the direction of flow, as indicated by the arrows, as called for in claim 7. New Figure 4B provides an example with the flow direction arrows in the other direction, thus showing the feature of claim 8. No new matter is inserted since this was disclosed in the application as filed.

In section 1 of the Office Action the examiner objects the drawings under 37 C.F.R. § 1.83(a) with respect to previous claims 14 to 16.

Applicant respectfully disagrees with the Examiner. For example, in Fig. 1B the length of the tube over 360° twist is approximately 90mm as filed and is approximately 6 times the smallest distance, approximately 15mm across the tube in the cross-section. Thus, Fig. 1B shows the feature of claim 14 which defines that "*the twist being 360° or greater over a length*

*of the tube that is 10 times or less than the smallest distance across the tube in the cross-section".*


Thus, the drawings meet the features of claims 14-16 and it is requested that the objection to the drawings be removed.

The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 19-1090.

All of the claims remaining in the application are now clearly allowable. Favorable consideration and a Notice of Allowance are earnestly solicited.

Respectfully submitted,

SEED Intellectual Property Law Group PLLC

A handwritten signature in dark ink, appearing to read "David V. Carlson", is written over a horizontal line.

David V. Carlson

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DVC:alb

Enclosure:

1 Sheet of New Sheet of Drawings (Figure 4b)

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